Stellingen

Behorende bij het proefschrift

**Carbon-Carbon Bond Formations Using Organolithium Reagents**

Door

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1) While Palladium is a more versatile catalyst for organolithium cross coupling reactions, for some specific transformations, Nickel catalysts outperform their more expensive brothers –this thesis-

2) Hiring Bursary students with no mandatory teaching requirements while there is a growing and severe shortage of capable teaching assistants is harmful to the education of new students, and shows complete negligence of the universities main goal: Teaching.

3) Adding n-Butyllithium as a solution in THF at room temperature over a period of 24 hours, in the attempt to cross couple the butyl fragment, can and will not lead to high yield. Zhenhua Jia, Qiang Liu, Xiao-Shui Peng & Henry N. C. Wong. *Nature Communications* volume 7, Article number: 10614 (**2016**)

4) Scientific papers that report NMR shifts of common impurities and those who give an understanding of reasonable numbers for yields and *e.e*. determination might not be novel or creative, but are extremely useful, and thus of great interest for the scientific community.

5) You need an oxidant to couple two anions. F. Lu . *Tetrahedron Letters* 53 (**2012**) 2444–2446

6) An aqueous workup/extraction before performing column chromatography can be unnecessary, and should not be done blindly. –this thesis-

7) Not inquiring about your PhD student's background with respect to what they are expected to teach is not helping the level of teaching.

8) A (English) summary for non-chemists/scientists, explaining your work is much more valuable than the Dutch summary in a thesis, and should thus be mandatory instead.

9) Every (methodology) paper should show the limits of its work (scope), and if not included in the original draft, referees should demand for it.

10) Sometimes you should stand up and fight for what you believe is justified, regardless of the consequences.

11) "Newer is not better; Better is better" Holds true for science (equipment) as well as racing bikes

12) In quenching pyrophoric reagents, it is better to have a flame or spark in a big beaker of water, then a small chance of a spark with a (large) volume of flammable solvent. i.e. quenching *empty* needles of (*tert*)buli is safest in a beaker of water.

13) Je wordt niet geflikt, je laat je flikken.